

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031155.D
 Acq On : 06 Dec 2024 17:00
 Operator : SY/MD
 Sample : P5066-01
 Misc : 5.07g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28M0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 23:42:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	273250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	129424	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	29358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	114835	27.309	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.240%			
7) Chloroethane-d5	2.893	69	84362	25.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.440%			
11) 1,1-Dichloroethene-d2	4.021	65	45469	23.700	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.800%			
21) 2-Butanone-d5	7.100	46	45900	62.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.820%			
24) Chloroform-d	7.648	84	128144	16.012	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 64.040%			
26) 1,2-Dichloroethane-d4	8.301	65	112519	28.572	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.280%			
32) Benzene-d6	8.270	84	317275	39.885	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 159.560%#			
36) 1,2-Dichloropropane-d6	9.270	67	106052	45.514	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 182.040%#			
41) Toluene-d8	10.325	98	190475	26.533	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.120%			
43) trans-1,3-Dichloroprop...	10.575	79	38365	40.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 163.600%#			
47) 2-Hexanone-d5	10.922	63	35505	130.058	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 260.120%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	25482	16.204	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 64.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	21649	20.761	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.040%			
Target Compounds					Qvalue	
13) Acetone	4.179	43	7970m	6.020	ug/L	
20) cis-1,2-Dichloroethene	7.167	96	22109	5.102	ug/L	89
25) Chloroform	7.673	83	61972	7.853	ug/L	96
34) Trichloroethene	9.093	95	308434	127.760	ug/L	92
35) Methylcyclohexane	9.331	83	36282	9.445	ug/L #	80
40) 4-Methyl-2-pentanone	10.209	43	2651	2.719	ug/L #	84
42) Toluene	10.386	91	187145	20.299	ug/L	97
46) Tetrachloroethene	10.855	164	1409214	787.418	ug/L	91
52) Ethylbenzene	11.727	91	77282	7.397	ug/L	99
53) m,p-Xylene	11.830	106	80629	20.736	ug/L	87
54) o-Xylene	12.160	106	51915	14.352	ug/L	90
60) Isopropylbenzene	12.458	105	19934m	4.206	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	96360	25.820	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	259556	70.799	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

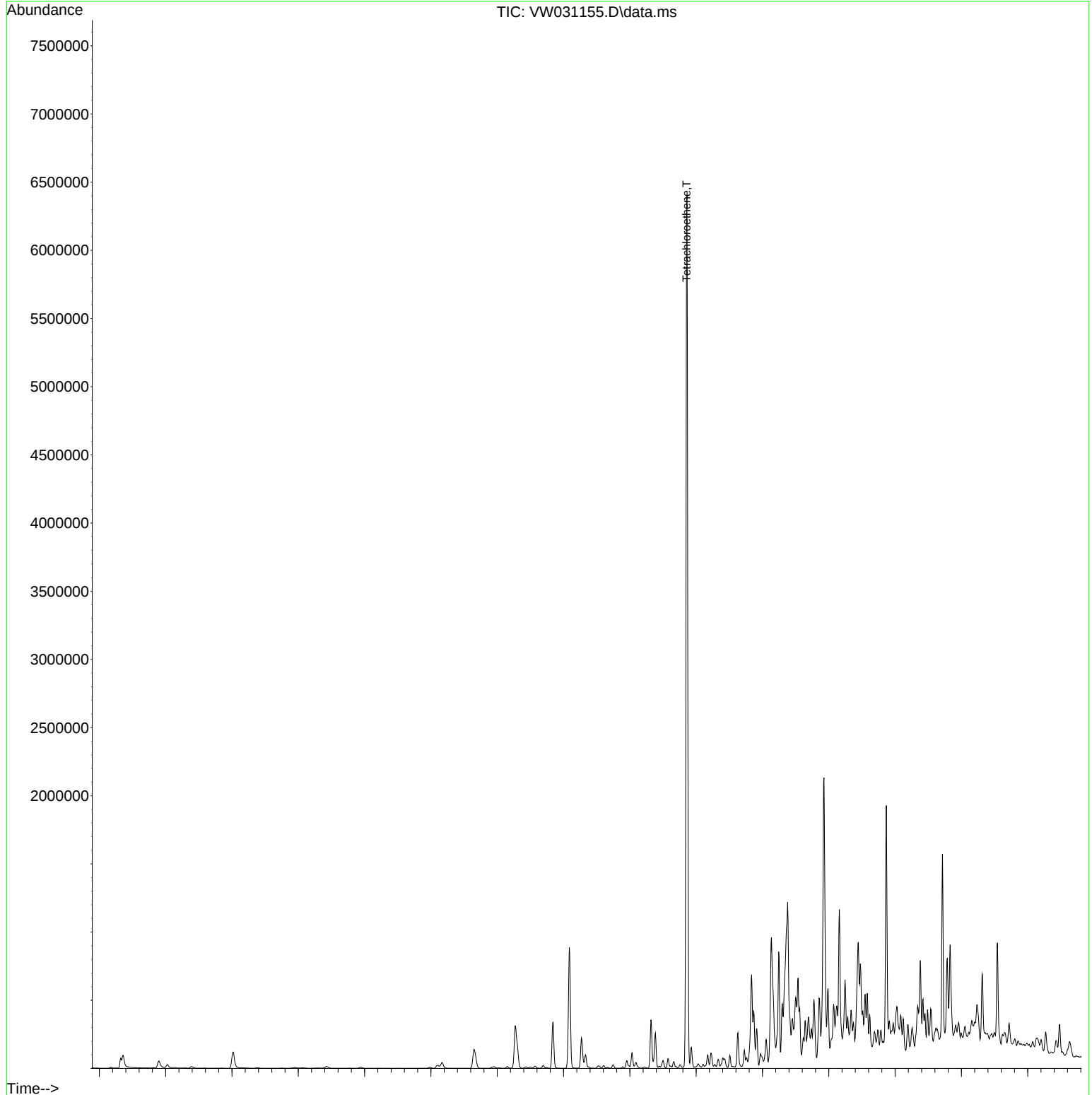
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
Data File : VW031155.D
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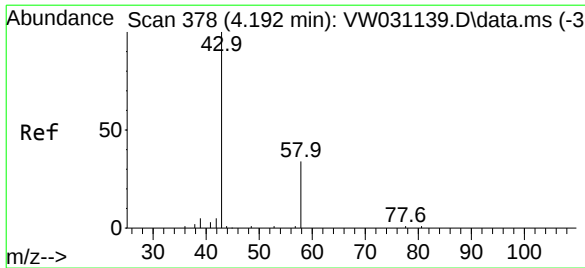
Instrument :
MSVOA_W
ClientSampleId :
E28M0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.020 ug/L m

RT: 4.179 min Scan# 37

Delta R.T. -0.012 min

Lab File: VW031155.D

Acq: 06 Dec 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

E28M0

Tgt Ion: 43 Resp: 7970

Ion Ratio Lower Upper

43 100

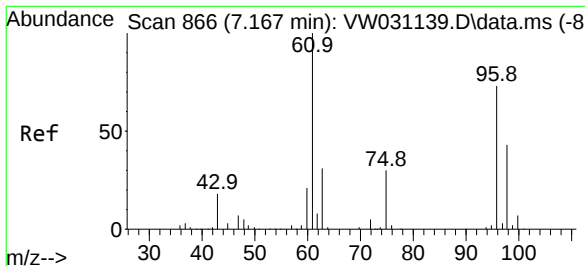
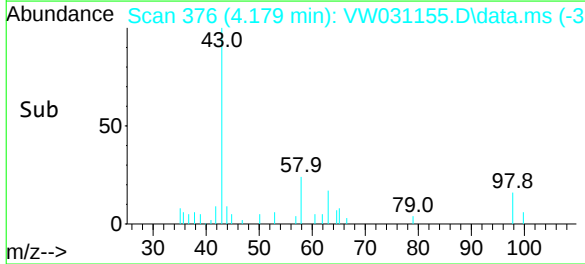
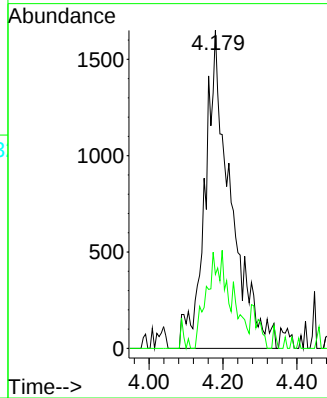
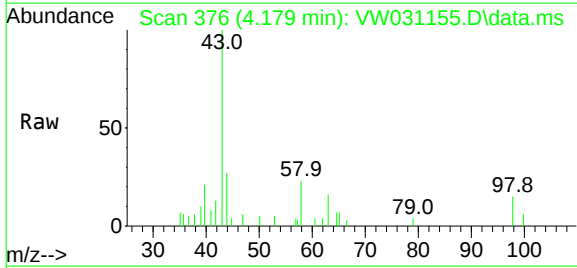
58 6.9 0.0 67.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/09/2024



#20

cis-1,2-Dichloroethene

Concen: 5.102 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031155.D

Acq: 06 Dec 2024 17:00

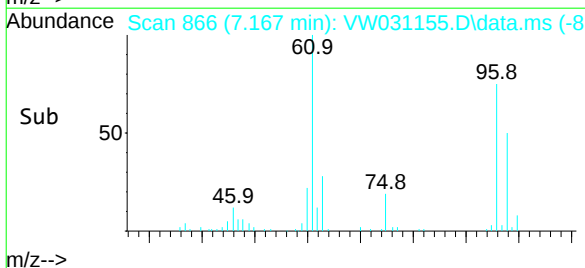
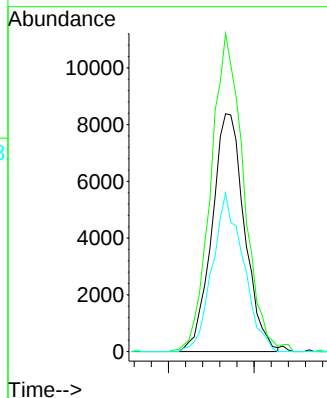
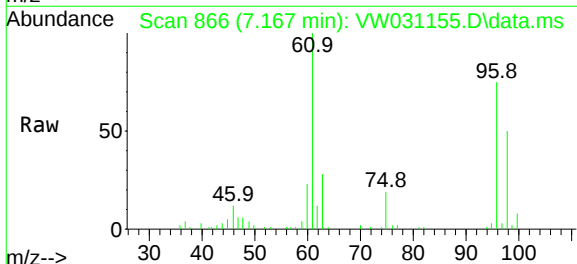
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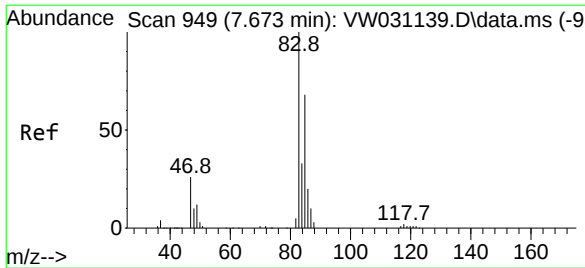
Ion Ratio Lower Upper

96 100

61 133.7 83.7 155.5

98 68.7 43.9 81.5





#25

Chloroform

Concen: 7.853 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031155.D

Acq: 06 Dec 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

E28M0

Tgt Ion: 83 Resp: 61972

Ion Ratio Lower Upper

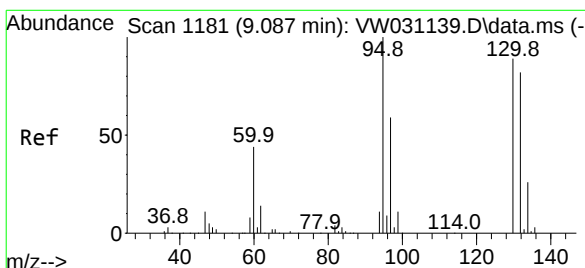
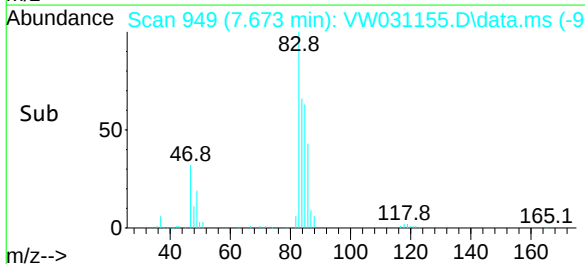
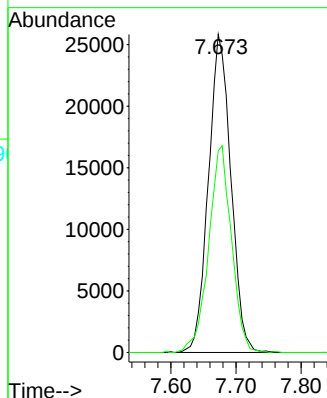
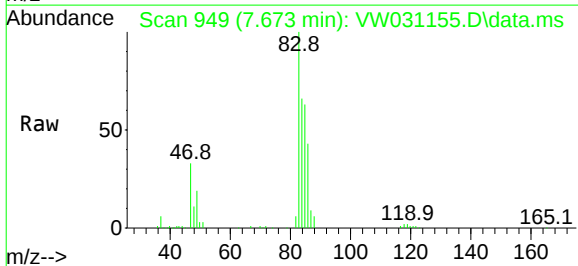
83 100

85 63.4 46.5 86.3

Manual Integrations

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#34

Trichloroethene

Concen: 127.760 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031155.D

Acq: 06 Dec 2024 17:00

Tgt Ion: 95 Resp: 308434

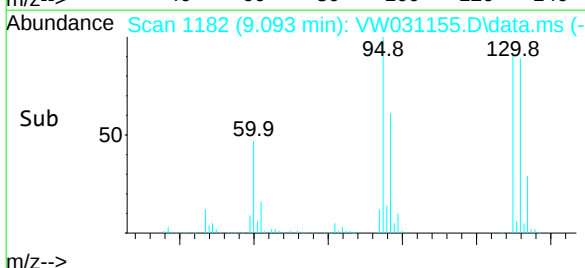
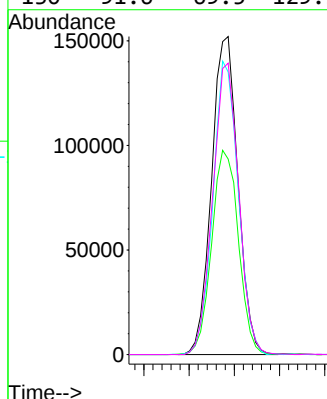
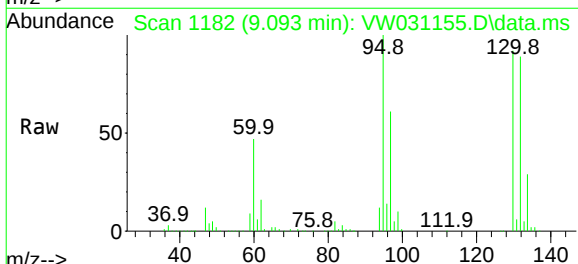
Ion Ratio Lower Upper

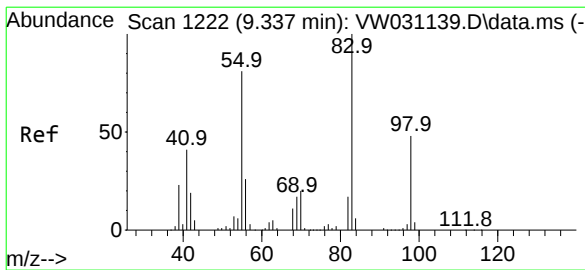
95 100

97 61.5 48.0 89.2

132 88.8 67.4 125.2

130 91.6 69.5 129.1





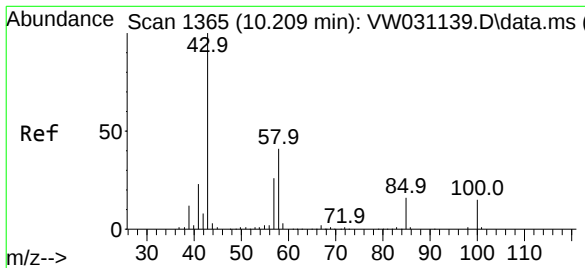
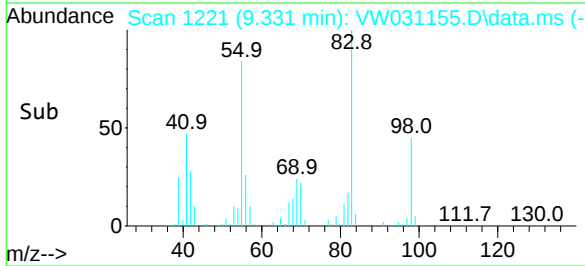
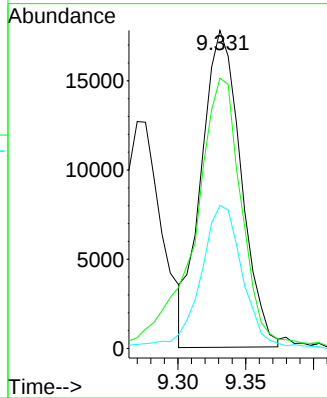
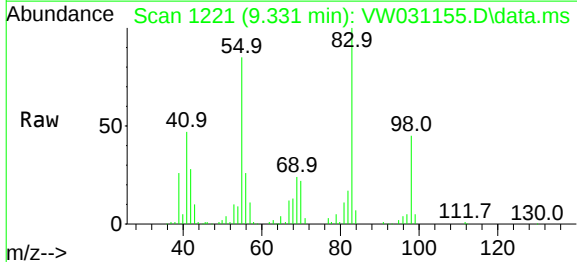
#35
Methylcyclohexane
Concen: 9.445 ug/L
RT: 9.331 min Scan# 12
Delta R.T. -0.006 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00

Instrument :
MSVOA_W
ClientSampleId :
E28M0

Tgt Ion: 83 Resp: 36282
Ion Ratio Lower Upper
83 100
55 99.9 59.5 89.3#
98 44.7 38.7 58.1

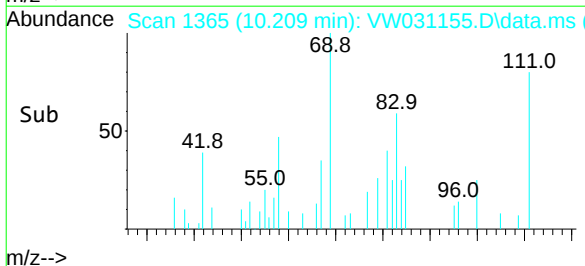
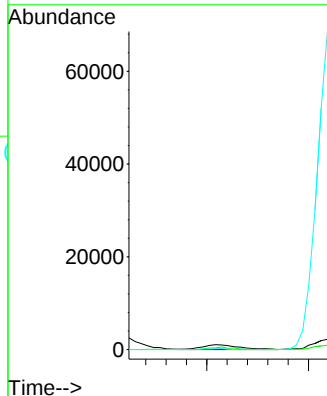
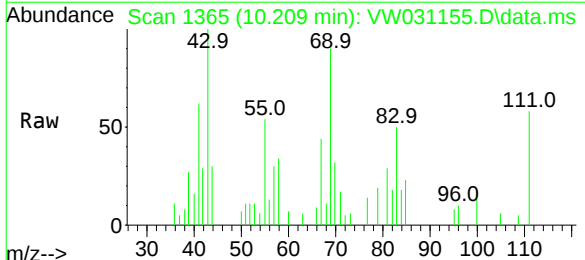
Manual Integrations
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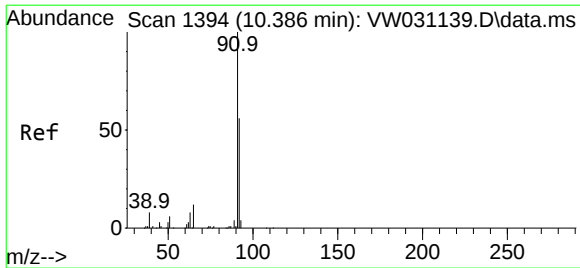
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#40
4-Methyl-2-pentanone
Concen: 2.719 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 31.5 33.7 50.5#
100 11.2 14.2 21.2#





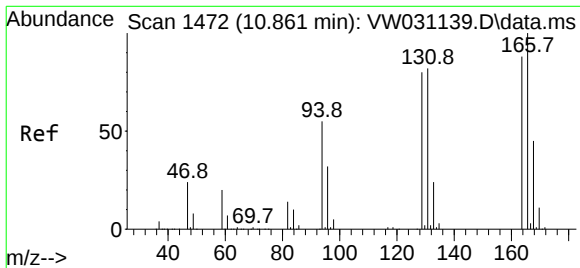
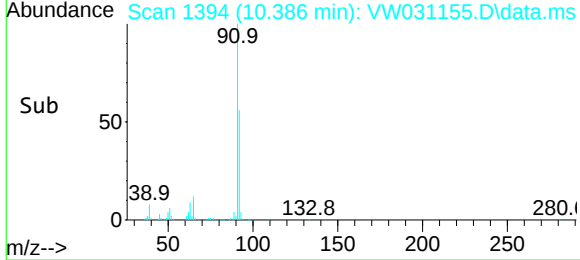
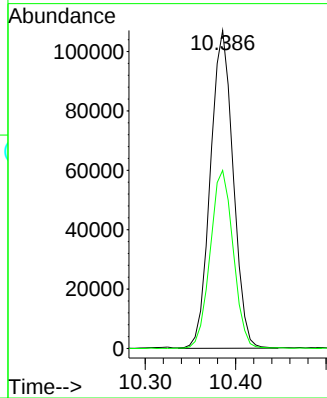
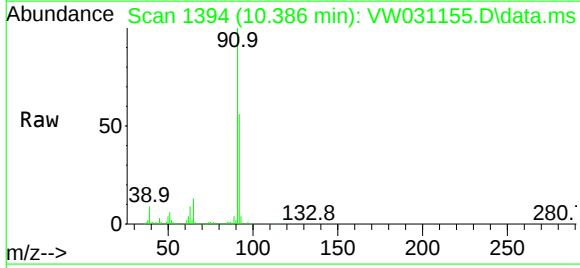
#42
Toluene
Concen: 20.299 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00

Instrument :
MSVOA_W
ClientSampleId :
E28M0

Tgt Ion: 91 Resp: 187145
Ion Ratio Lower Upper
91 100
92 56.0 40.8 75.8

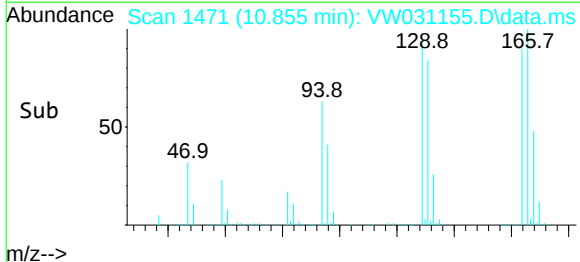
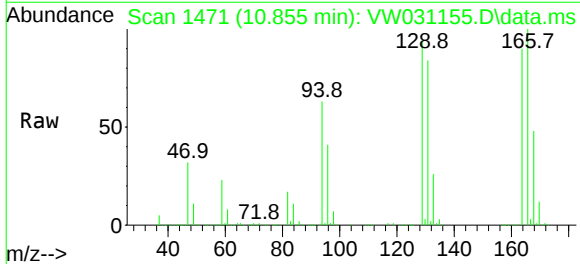
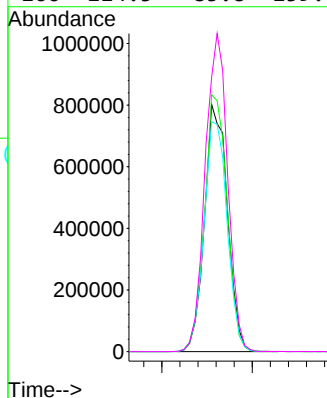
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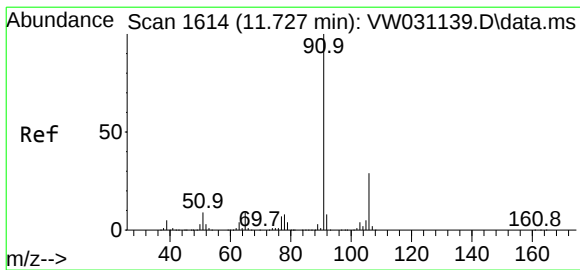
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#46
Tetrachloroethene
Concen: 787.418 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00

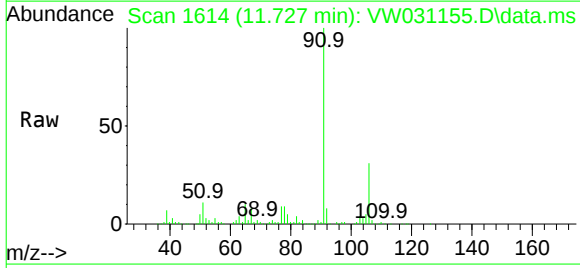
Tgt Ion:164 Resp: 1409214
Ion Ratio Lower Upper
164 100
129 104.0 61.9 114.9
131 93.0 67.9 126.1
166 114.5 85.8 159.3





#52
Ethylbenzene
Concen: 7.397 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00

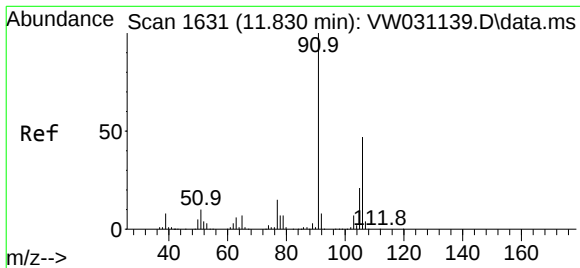
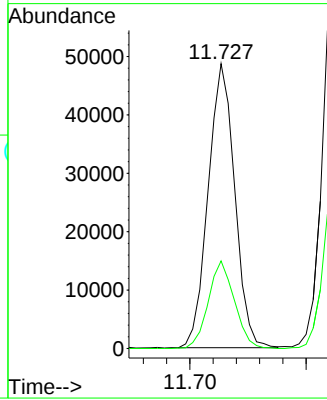
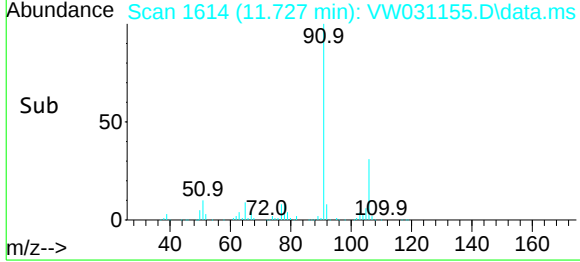
Instrument :
MSVOA_W
ClientSampleId :
E28M0



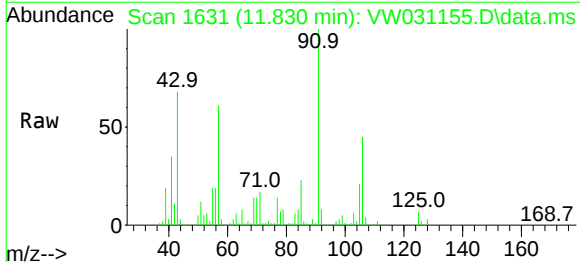
Tgt Ion: 91 Resp: 77282
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5

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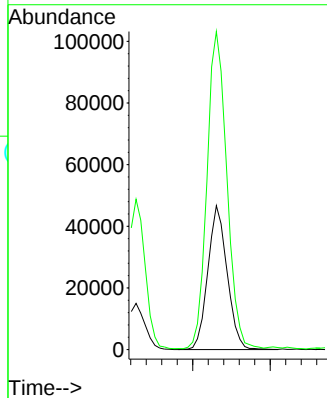
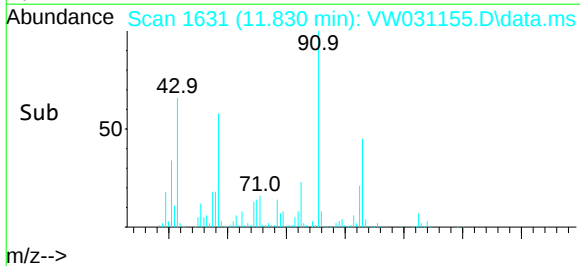
Reviewed By :Mahesh Dadoda 12/09/2024
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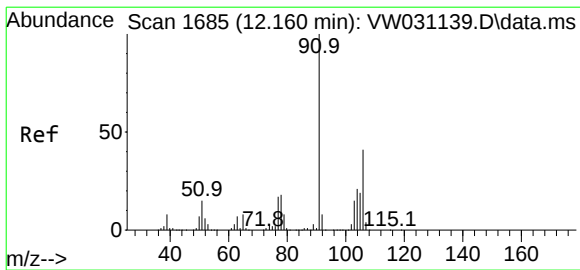


#53
m,p-Xylene
Concen: 20.736 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00



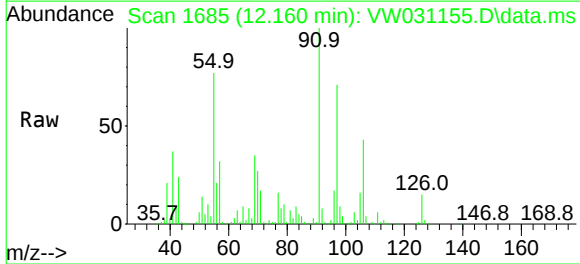
Tgt Ion:106 Resp: 80629
Ion Ratio Lower Upper
106 100
91 221.0 140.9 261.7





#54
o-Xylene
Concen: 14.352 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00

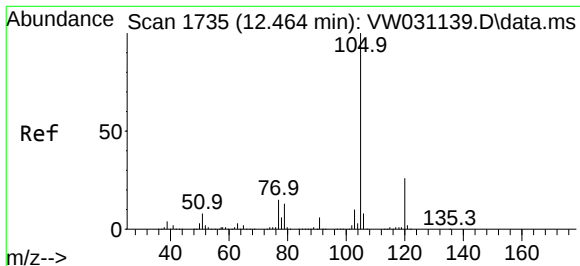
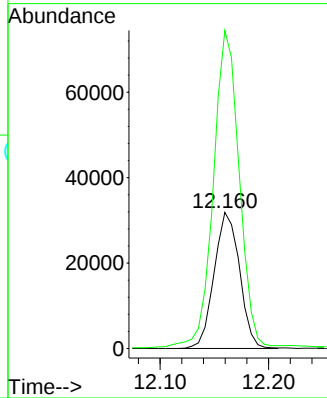
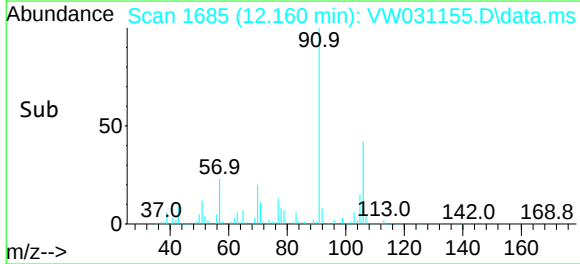
Instrument :
MSVOA_W
ClientSampleId :
E28M0



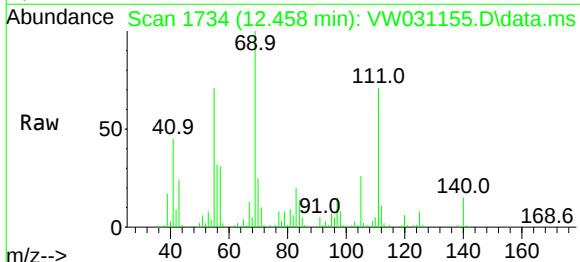
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Ion Ratio Lower Upper
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91 233.7 152.7 283.5

Manual Integrations
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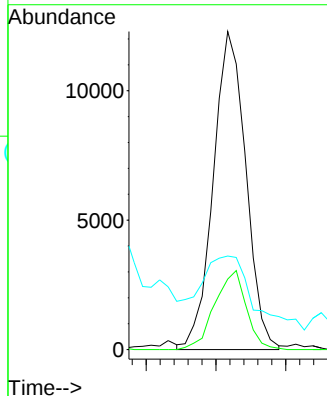
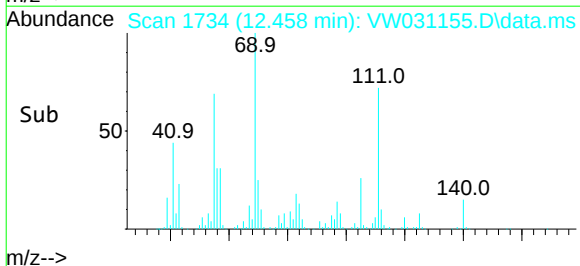
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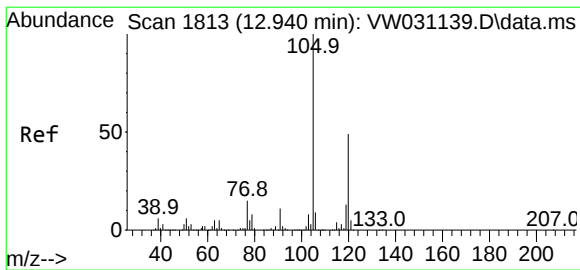


#60
Isopropylbenzene
Concen: 4.206 ug/L m
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031155.D
Acq: 06 Dec 2024 17:00



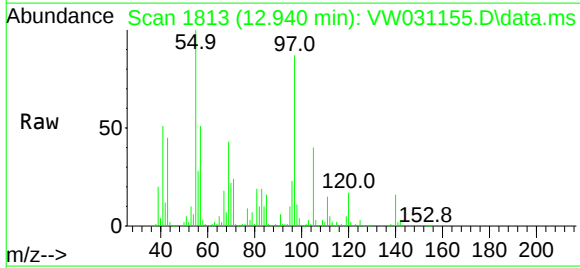
Tgt Ion:105 Resp: 19934
Ion Ratio Lower Upper
105 100
120 169.5 21.5 32.3#
77 90.8 12.3 18.5#





#62
 1,3,5-Trimethylbenzene
 Concen: 25.820 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031155.D
 Acq: 06 Dec 2024 17:00

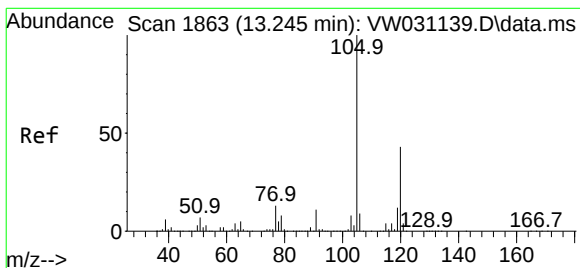
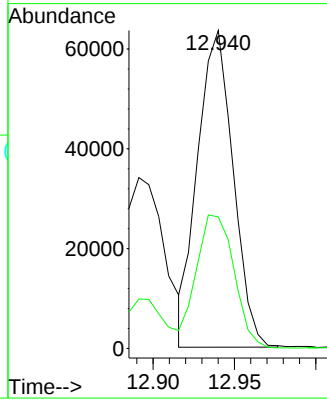
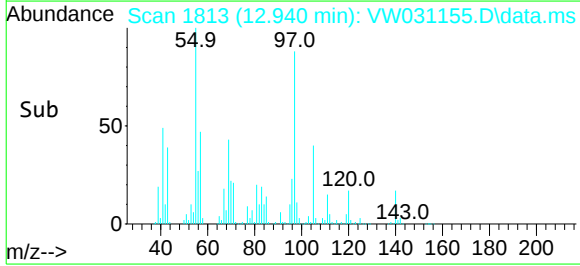
Instrument :
 MSVOA_W
 ClientSampleId :
 E28M0



Tgt Ion:105 Resp: 96360
 Ion Ratio Lower Upper
 105 100
 120 44.4 40.5 60.7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024



#63
 1,2,4-Trimethylbenzene
 Concen: 70.799 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031155.D
 Acq: 06 Dec 2024 17:00

Tgt Ion:105 Resp: 259556
 Ion Ratio Lower Upper
 105 100
 120 41.7 35.4 53.0

